

APPENDIX A

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

In the title of the application on page 1:

NUCLEIC ACID SEQUENCES [AND PROTEINS] ASSOCIATED  
WITH AGING

IN THE ABSTRACT:

In the title of the abstract on page 82:

NUCLEIC ACID SEQUENCES [AND PROTEINS] ASSOCIATED  
WITH AGING

IN THE CLAIMS:

2. (once amended) An [The] isolated nucleic acid comprising a polynucleotide sequence associated with the senescence of a cell, [of claim 1] wherein the sequence has at least 85% sequence identity with SEQ ID NO:1.

3. (once amended) The isolated nucleic acid of claim 2 [1] wherein the sequence has at least 95% sequence identity with SEQ ID NO:1.

9. (once amended) An [The] isolated nucleic acid comprising a polynucleotide sequence associated with G0-arrested cells, [of claim 8] wherein the sequence has at least 85% sequence identity with SEQ ID NO:2.

Glenna C. Burner et al.  
Application No.: 09/292,758  
Page 8

10. (once amended) The isolated nucleic acid of claim 9 [8] wherein the sequence has at least 95% sequence identity with SEQ ID NO:2.

29. (twice amended) A kit for detecting whether a cell is undergoing senescence, said kit comprising:

a probe which comprises a polynucleotide sequence selected from the group consisting of SEQ ID NO:1, 2, 37 [38, 55], 61, 67, 69, 70, and 73; and  
a label for detecting the presence of said probe.

31. (twice amended) The kit in accordance with claim 29 further comprising a plurality of probes each comprising a polynucleotide sequence independently selected from the group consisting of SEQ ID NO:1, 2, 37 [38, 55], 61, 67, 69, 70, and 73; and

a label for detecting the presence of said plurality of probes.